

**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	To be determined
Filing Date	Concurrently Herewith
First Named Inventor	Ho-Yong JEONG, et al.
Title	APPARATUS AND METHOD OF CONVERTING IMAGE SIGNAL FOR FOUR COLOR DISPLAY DEVICE
Art Unit	To be determined
Examiner Name	To be determined
Attorney Docket Number	

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

OR

☐ Practitioner(s) named below:

Name	Registration Number

58027

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number

OR

☐ Firm or  
Individual Name

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Assignee of Record**

Signature		Date	May 22, 2006
Name	RYU, Kyu-Wan	Telephone	
Title and Company	Manager/SAMSUNG ELECTRONICS CO., LTD.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration  
Submitted  
With Initial  
Filing

OR

☐ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

First Named Inventor

Ho-Yong JEONG, et al.

COMPLETE IF KNOWN

Application Number

To be determined

Filing Date

Concurrently Herewith

Art Unit

To be determined

Examiner Name

To be determined

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**APPARATUS AND METHOD OF CONVERTING IMAGE SIGNAL FOR FOUR COLOR  
DISPLAY DEVICE**

the specification of which

(Title of the Invention)

☐ is attached hereto

OR

☒

was filed on

01/06/2005

as United States Application Number or PCT International

(MM/DD/YYYY)

Application Number

PCT/KR2005/000030

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

**PRIORITY CLAIMS**

Foreign and Provisional Applications

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) or (f) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed. I hereby also claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Prior Foreign and/or Provisional Application Number(s)	Country and/or Provisional	Foreign Filing Date (MM/DD/YYYY)	Priority <u>NOT</u> Claimed	Certified Copy Attached?	
				YES	NO
10-2004-0000548	KR	01/06/2004	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

## DECLARATION — Utility or Design Patent Application

### PRIORITY CLAIMS U.S. and PCT Applications

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of the Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
	PCT/KR2005/000030	01/06/2005	

☐ Additional U.S. and/or PCT international application numbers are listed on a supplemental priority sheet attached hereto.

Direct all correspondence to: ☒ Customer Number **58027** OR ☐ Correspondence address below

Name

Address

City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Ho-Yong

Family Name or Surname

JEONG

Inventor's Signature

JEONG HO YONG

Date

May 22, 2006

Residence: City

Gyeonggi-do

State

Country

Korea

Citizenship

Korean

Mailing Address

Samsung 1-cha Apt. 5-912, Maetan 4-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-718, Korea

City

Gyeonggi-do

State

Zip

442-718

Country

Korea

## DECLARATION — Utility or Design Patent Application

NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Cheol-Woo		Family Name or Surname PARK	
Inventor's Signature <i>Park, Cheol Woo</i>		Date May 22, 2006	
Residence: City Gyeonggi-do	State	Country Korea	Citizenship Korean
Mailing Address Hanguk 1-cha Apt. 102-601, Maetan 2-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-372, Korea			
City Gyeonggi-do	State	Zip 442-372	Country Korea
NAME OF THIRD INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country
NAME OF THIRD INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Ho-Yong JEONG, et al.Application No./Patent No.: TO BE ASSIGNED Filed/Issue Date: June 29, 2006Entitled: APPARATUS AND METHOD OF CONVERTING IMAGE SIGNAL FOR FOUR COLOR DISPLAY DEVICESamsung Electronics Co., LTD. a Korean Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest

The extent (by percentage) of its ownership interest is \_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

\_\_\_\_\_  
/hae-chan park/  
Signature  
Hae-Chan Park, Reg. 50,114  
\_\_\_\_\_  
Printed or Typed Name  
\_\_\_\_\_  
Attorney  
\_\_\_\_\_  
Title

\_\_\_\_\_  
June 29, 2006  
\_\_\_\_\_  
Date  
\_\_\_\_\_  
703-288-5105  
\_\_\_\_\_  
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**ASSIGNMENT**

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in

- ☒ an application for United States Letters Patent entitled **APPARATUS AND METHOD OF CONVERTING IMAGE SIGNAL FOR FOUR COLOR DISPLAY DEVICE** ("Application");
- ☐ upon which United States Letters Patent, Patent Number \_\_\_\_\_, has issued ("Patent");

Whereas, Assignor desires to convey all rights, title and interests in and to the same to **SAMSUNG ELECTRONICS CO., LTD** ("Assignee"), with offices located at **416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea.**

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States, any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the U.S. or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense..

IN WITNESS WHEREOF, Assignor has hereunto set hand and seal.

First Inventor's Signature: JEONG HO YONG

Print  
Name: **JEONG, Ho-Yong**

Address: **Samsung 1-cha Apt. 5-912, Maetan 4-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-718, Korea**

Date: **May 22, 2006**

Second Inventor's Signature: \_\_\_\_\_

*Park, Cheol-Woo*

Print

Name: PARK, Cheol-Woo

Address: Hanguk 1-cha Apt. 102-601, Maetan 2-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-372,  
Korea

Date: May 22, 2006